

# **APPROVED**

## **2002-2004 STATE OF NEW MEXICO §303(d) LIST FOR ASSESSED RIVER/STREAM REACHES REQUIRING TOTAL MAXIMUM DAILY LOADS (TMDLs)**

New Mexico Environment Department  
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JUNE 2003

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## 2002-2004 State of New Mexico 303d List

### Table of Contents

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**HUC: 11040001**           Cimarron Headwaters  
Carrizozo Creek (Dry Cimarron to headwaters)  
Dry Cimarron River (Perennial reaches OK bnd to Oak Creek)  
Long Canyon (Perennial reaches abv Dry Cimarron)

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**HUC: 11080001**           Canadian Headwaters  
Chicorica Creek (Canadian River to Raton Creek)  
Lake Maloya  
Raton Creek (Chicorica Creek to headwaters)  
Stubblefield Lake

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**HUC: 11080002**           Cimarron  
Cieneguilla Creek (Eagle Nest Lake to headwaters)  
Cimarron River (Canadian River to Cimarron)  
Cimarron River (Cimarron to Turkey Creek)  
Eagle Nest Lake  
McCrystal Creek (North Ponil to headwaters)  
Middle Ponil Creek (South Ponil to headwaters)  
Moreno Creek (Eagle Nest Lake to headwaters)  
North Ponil Creek (South Ponil Creek to McCrystal Creek)  
Ponil Creek (Cimarron River to confl of North & South Ponil)  
Rayado Creek (Cimarron River to Miami Lake Diversion)  
Sixmile Creek (Eagle Nest Lake to headwaters)  
Springer Lake

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**HUC: 11080003**           Upper Canadian  
Charette Lake (Lower)  
Conchas Reservoir  
Manueles Creek (Ocate Creek to headwaters)  
Ocate Creek (Ocate to Wheaton Creek)

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**HUC: 11080004**           Mora  
Coyote Creek (Mora River to Black Lake)  
Little Coyote Creek (Black Lake to headwaters)  
Mora River (Canadian River to Shoemaker)  
Mora River (Rio la Casa to headwaters)  
Morphy (Murphy) Lake  
Rio la Casa (Mora River to confl of North and South Forks)  
Sapello River (Mora River to Manuelitas Creek)

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**HUC: 11080006**           Upper Canadian-Ute Reserv  
Ute Reservoir

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**HUC: 11100101**           Upper Beaver  
Clayton Lake

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**HUC: 12050002**           Blackwater Draw  
Green Acres Lake

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**HUC: 12080001**      Lost Draw  
Lane Salt Lake

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**HUC: 13020101**      Upper Rio Grande  
Bitter Creek (Red River to headwaters)  
Cabresto Creek (Red River to headwaters)  
Cordova Creek (Costilla Creek to headwaters)  
Costilla Creek (CO border to Diversion abv Costilla)  
Embudo Creek (Rio Grande to Picuris Pueblo bnd)  
Goose Lake  
Guaje Canyon (San Ildefonso bnd to headwaters)  
Little Tesuque Creek (Rio Tesuque to headwaters)  
Los Alamos Canyon (San Ildefonso bnd to headwaters)  
Los Alamos Reservoir  
Pioneer Creek (Red River to headwaters)  
Placer Creek (Red River to headwaters)  
Pojoaque River (San Ildefonso bnd to Pojoaque bnd)  
Pueblo Canyon (Los Alamos Canyon to headwaters)  
Red River (Placer Creek to headwaters)  
Red River (Rio Grande to Placer Creek)  
Rendija Canyon (Guaje Canyon to headwaters)  
Rio Chupadero (USFS bnd to headwaters)  
Rio Fernando de Taos (Rio Pueblo de Taos to headwaters)  
Rio Frijoles (Rio Medio to Pecos Wilderness)  
Rio Grande (Red River to CO border)  
Rio Grande (San Juan Pueblo bnd to Rio Pueblo de Taos)  
Rio Grande del Rancho (Rio Pueblo de Taos to HWY 518)  
Rio Hondo (Rio Grande to USFS bnd)  
Rio Pueblo (Picuris Pueblo bnd to headwaters)  
Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)  
Rio Pueblo de Taos (Rio Grande del Rancho to headwaters)  
Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)  
Rio Santa Barbara (Picuris Pueblo bnd to USFS bnd)  
Santa Cruz River (San Juan Pueblo to Santa Cruz Dam)  
Tesuque Creek (Little Tesuque Creek to confl of forks)

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**HUC: 13020102**      Rio Chama  
Abiquiu Creek (Rio Chama to headwaters)  
Abiquiu Reservoir  
Cañones Creek (Abiquiu Reservoir to headwaters)  
Cecilia Canyon Creek (Rio Capulin to USFS bnd)  
Chavez Creek (Rio Brazos to headwaters)  
Chihuahueros Creek (Cañones Creek to headwaters)  
Clear Creek (Rio Gallina to headwaters)  
Coyote Creek (Rio Puerco de Chama to headwaters)  
El Rito Creek (Perennial reaches above El Rito)  
El Vado Reservoir  
Heron Reservoir  
Hopewell Lake  
Poleo Creek (Rio Puerco de Chama to headwaters)  
Polvadera Creek (Cañones Creek to headwaters)  
Rio Brazos (Rio Chama to Chavez Creek)  
Rio Chama (Rio Brazos to Little Willow Creek)  
Rio Chama (San Juan Pueblo to Abiquiu Dam)  
Rio Chamita (Rio Chama to CO border)  
Rio Gallina (Rio Capulin to headwaters)  
Rio Nutrias (Rio Chama to headwaters)  
Rio Ojo Caliente (Rio Chama to Rio Vallecitos)  
Rio Puerco de Chama (Abiquiu Reservoir to Poleo Creek)  
Rio Puerco de Chama (Poleo Creek to headwaters)  
Rio Tusas (Rio Vallecitos to headwaters)  
Rio Vallecitos (Rio Tusas to headwaters)  
Rito de Tierra Amarilla (Rio Chama to HWY 64)  
Rito Resumidero (Rio Puerco de Chama to headwaters)

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**HUC: 13020201**      **Rio Grande-Santa Fe**  
Capulin Creek (Rio Grande to headwaters)  
Galisteo Ck (Perennial reaches abv Santo Domingo bnd)  
Las Huertas Creek (Placitas to Capulin Canyon)  
Mortandad Canyon (San Ildefonso bnd to headwaters)  
Pajarito Canyon (Rio Grande to headwaters)  
Rito Cañon de los Frijoles (Rio Grande to headwaters)  
Santa Fe River (Cochiti Pueblo bnd to Santa Fe WWTP)  
Water Canyon (Rio Grande to headwaters)

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**HUC: 13020202**      **Jemez**  
Calaveras Creek (Rio Cebolla to headwaters)  
Clear Creek (Rio de las Vacas to San Gregorio Lake)  
Fenton Lake  
Jemez River (East fork)  
Jemez River (HWY 4 near Jemez Springs to East Fork)  
Jemez River (Rio Guadalupe to HWY4 nr Jemez Springs)  
Redondo Creek (Sulphur Creek to headwaters)  
Rio Cebolla (Fenton Lake to headwaters)  
Rio Cebolla (Rio de las Vacas to Fenton Lake)  
Rio de las Vacas (Rio Cebolla to Rito de las Palomas)  
Rio Guadalupe (Jemez River to confl with Rio Cebolla)  
Rito Peñas Negras (Rio de las Vacas to headwaters)  
San Antonio Creek (East Fork Jemez R to headwaters)  
Sulphur Creek (Redondo Creek to headwaters)

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**HUC: 13020203**      **Rio Grande-Albuquerque**  
Rio Grande (Alameda Bridge to Santa Ana Pueblo bnd)  
Rio Grande (Isleta Pueblo bnd to Alameda Street Bridge)

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**HUC: 13020204**      **Rio Puerco**  
Nacimiento Creek (USFS bnd to San Gregorio Reservoir)  
Rio Puerco (Rito Olguin to headwaters)  
Rito Leche (Perennial reaches above Rio Puerco)  
San Pablo Canyon (Rio Puerco to headwaters)

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**HUC: 13020207**      **Rio San Jose**  
Bluewater Creek (Navajo Nation bnd to headwaters)  
Bluewater Creek (Rio San Jose to Navajo Nation bnd)  
Rio Moquino (Laguna Pueblo to Seboyettia Creek)  
Rio Paguete (Laguna Pueblo bnd to headwaters)

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**HUC: 13020211**      **Elephant Butte Reservoir**  
Alamosa Creek (Perennial reaches abv Monticello diversion)  
Elephant Butte Reservoir

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**HUC: 13030101**      **Caballo**  
Caballo Reservoir  
Percha Creek (Perennial reaches Caballo R to M Fork)

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**HUC: 13030202**      **Mimbres**  
Bear Canyon Reservoir  
Cold Springs Creek (Hot Springs Creek to headwaters)  
Gallinas Creek (Mimbres River to headwaters)  
Hot Springs Creek (Mimbres River to headwaters)  
Mimbres River (Perennial reaches below Sheppard Canyon)  
Mimbres River (Sheppard Canyon to Cooney Campground)

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**HUC: 13050003**      **Tularosa Valley**  
Three Rivers (Perennial HWY 54 to USFS except Mescalero)  
Tularosa Creek (Tularosa to Mescalero Apache bnd)

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**HUC: 13060001**      **Pecos Headwaters**  
Beaver Creek (Porvenir Creek to headwaters)  
Cow Creek (Pecos River to headwaters)  
Gallinas River (Las Vegas Diversion to headwaters)  
Gallinas River (San Augustin to Las Vegas Diversion)  
Holy Ghost Creek (Pecos River to headwaters)  
Pecos River (Alamitos Canyon to Willow Creek)  
Pecos River (Canon del Oso to Alamitos Canyon)  
Pecos River (Sumner Reservoir to Canon del Oso)  
Rio Mora (Pecos River to headwaters)  
Santa Rosa Reservoir  
Sumner Reservoir  
Tecolote Creek (Village of Tecolote to headwaters)  
Willow Creek (Pecos River to headwaters)  
Wright Canyon Creek (Tecolote Creek to headwaters)

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**HUC: 13060008**      **Rio Hondo**  
Alto Lake  
Rio Bonito (Rio Ruidoso to Angus Canyon)  
Rio Hondo (Perennial reaches Pecos R to Rio Ruidoso)  
Rio Ruidoso (Rio Bonito to Seeping Springs Lake)  
Rio Ruidoso (Seeping Springs Lake to Mescalero Apache bnd)

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**HUC: 13060010**      **Rio Peñasco**  
Rio Peñasco (HWY 24 to headwaters)  
Rio Peñasco (Pecos River to HWY 24)

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**HUC: 13060011**      **Upper Pecos-Black**  
Avalon Reservoir  
Black River (Pecos River to TX border)  
Brantley Reservoir  
Laguna Gatuna  
Laguna Quatro  
Laguna Tres  
Laguna Uno  
Pecos River (Black River to Tansil Lake)  
Pecos River (TX border to Black River)  
Sitting Bull Creek (Last Chance Canyon to Sitting Bull Spr)  
Tansil Lake (Carlsbad Municipal Lake)

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**HUC: 14080101**      **Upper San Juan**  
Navajo Reservoir  
San Juan River (Animas River to Cañon Largo)  
San Juan River (Cañon Largo to Navajo Reservoir)

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**HUC: 14080104**      **Animas**  
Animas River (Estes Arroyo to CO border)  
Animas River (San Juan River to Estes Arroyo)  
Lake Farmington (Beeline Reservoir)

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**HUC: 14080105**      **Middle San Juan**  
La Plata River (San Juan River to CO border)  
San Juan River (Navajo bnd at Hogback to Animas River)

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**HUC: 15020003**      **Carrizo Wash**  
Quemado Lake

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**HUC: 15020004**      **Zuni**  
McGaffey Lake  
Rio Nutria (Zuni Pueblo bnd to headwaters)

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**HUC: 15040001**      **Upper Gila**

Black Canyon Creek (East Fork Gila River to headwaters)  
Canyon Creek (Middle Fork Gila River to headwaters)  
Gila River (East Fork)  
Gila River (Middle Fork)  
Gila River (West Fork below Gila Cliff Dwellings)  
Gilita Creek (Middle Fork to Willow Creek)  
Lake Roberts  
Mogollon Creek (Perennial reaches abv USGS gage)  
Sapillo Creek (Gila River to Lake Roberts)  
Taylor Creek (Beaver Creek to Wall Lake)  
Taylor Creek (Perennial reaches abv Wall Lake)  
Turkey Creek (Gila River to headwaters)  
Wall Lake

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**HUC: 15040002**      **Upper Gila-Mangas**

Mangas Creek (Gila River to Mangas Springs)

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**HUC: 15040004**      **San Francisco**

Centerfire Creek (San Francisco R to headwaters)  
Negrito Creek (South Fork)  
Negrito Creek (Tularosa River to confl of N and S forks)  
San Francisco River (Centerfire Creek to AZ border)  
Tularosa River (San Francisco R to Apache Creek)  
Whitewater Creek (San Francisco R to Whitewater Campgrd)  
Whitewater Creek (Whitewater Campgrd to headwaters)

# 2002-2004 State of New Mexico 303(d) List

## For Assessed Surface Waters

**HUC: 11040001**

**Cimarron Headwaters**

### Carrizozo Creek (Dry Cimarron to headwaters)

Cimarron Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2701_40	44.79	20.6.4.701	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Dissolved oxygen  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Natural Sources  
Hydromodification  
Grazing related Sources  
Agriculture

**Individual Active NPDES Permits:**

**TMDL (s) Completed:**

### Dry Cimarron River (Perennial reaches OK bnd to Oak Creek)

Cimarron Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2701_00	77.65	20.6.4.701	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**

**Probable Causes of Impairment:**

Total Dissolved Solids  
Temperature

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:**

**TMDL (s) Completed:**



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**Long Canyon (Perennial reaches abv Dry Cimarron)**Cimarron Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2701_20	8.21	20.6.4.701	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Natural Sources

Habitat Modification (other than Hydromodification)

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 11080001****Canadian Headwaters****Chicorica Creek (Canadian River to Raton Creek)**

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.A_250	9.47	20.6.4.305	8	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Lake Maloya**

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.B_20	117.57	20.6.4.305	8	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Raton Creek (Chicorica Creek to headwaters)**

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.A_253	17.66	20.6.4.305	6	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Source Unknown

Range grazing - Riparian and/or Upland

Municipal Point Sources

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0029891

NM0026522

NM0020273

**Permit Facility Name:**

Raton, City of/Raton Water Works

Raton Public Service Company

Raton, City of/WWTP

**TMDL (s) Completed:****Stubblefield Lake**

Canadian Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_101	907.96	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 11080002****Cimarron****Cieneguilla Creek (Eagle Nest Lake to headwaters)****Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_065	12.63	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

secondary contact

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Stream Bottom Deposits

Fecal Coliform

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Natural Sources

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity, SBD, fecal coliform, and Al chronic; de-list letter for temperature and total phosphorus**Cimarron River (Canadian River to Cimarron)****Cimarron**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.1.A_10	37.79	20.6.4.306	4	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Range grazing - Riparian and/or Upland

Natural Sources

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** de-list letter for plant nutrients

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**Cimarron River (Cimarron to Turkey Creek)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_040	4.25	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Natural Sources

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for Al-chronic; de-list letter for plant nutrients

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**Eagle Nest Lake**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.B_00	1333.81	20.6.4.309	8	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**McCrystal Creek (North Ponil to headwaters)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_112	6.81	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Habitat Modification (other than Hydromodification)

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Middle Ponil Creek (South Ponil to headwaters)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_121	20.99	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Temperature

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Silviculture

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Logging Road Construction/Maintenance

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed: TMDL for temperature, turbidity; de-list letter for total phosphorus

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**Moreno Creek (Eagle Nest Lake to headwaters)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_060	9	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Fecal Coliform**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity and fecal coliform; de-list letter for plant nutrients

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**North Ponil Creek (South Ponil Creek to McCrystal Creek)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_110	17.96	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Temperature  
Stream Bottom Deposits**Magnitude:**Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temp, turbidity, SBD, and total phosphorus; de-list letter for total phosphorus

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**Ponil Creek (Cimarron River to confl of North & South Ponil)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_100	16.9	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity, temp, and Al chronic; de-list letter for total phosphorus

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**Rayado Creek (Cimarron River to Miami Lake Diversion)**Cimarron

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.3.A_80	14.24	20.6.4.307	8	31-Dec-01	No

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for SBD



**Sixmile Creek (Eagle Nest Lake to headwaters)**

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_064	4.6	20.6.4.309	4	31-Dec-00	No

**Impaired Designated Use (s):**

high quality coldwater fishery  
secondary contact

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Fecal Coliform

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Onsite Wastewater Systems (Septic Tanks)  
Off-farm Animal Holding/Management Area  
Natural Sources  
Land Disposal  
Intensive Animal Feeding Operations  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture

**Individual Active NPDES Permits:**

**TMDL (s) Completed:** TMDL for turbidity and fecal coliform; de-list for plant nutrients

**Springer Lake**

Cimarron

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.1.B_10	458.85	20.6.4.306	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:**

**TMDL (s) Completed:**

**HUC: 11080003****Upper Canadian****Charette Lake (Lower)**

Upper Canadian

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.5_10	300	20.6.4.308	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:****Conchas Reservoir**

Upper Canadian

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2304_00	4218.17	20.6.4.304	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

Mercury in fish tissue

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Source Unknown

Road/ Parking lot runoff

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Atmospheric Deposition

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Manueles Creek (Ocate Creek to headwaters)**Upper Canadian

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_090	8.91	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Ocate Creek (Ocate to Wheaton Creek)**Upper Canadian

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_070	14.49	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 11080004****Mora****Coyote Creek (Mora River to Black Lake)****Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_020	37.5	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Little Coyote Creek (Black Lake to headwaters)****Mora**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_024	2.2	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Temperature

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Highway/Road/Bridge Construction

Construction

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Mora River (Canadian River to Shoemaker)**

Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.A_020	50.14	20.6.4.305	7	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Lead - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** De-list letter for plant nutrients

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**Mora River (Rio la Casa to headwaters)**

Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_000	32.87	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Silviculture

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Morphy (Murphy) Lake**

Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.3.B_30	50	20.6.4.307	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

pH

Dissolved oxygen

Bottom Deposits

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Silviculture

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio la Casa (Mora River to confl of North and South Forks)**

Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2306.A_030	6.08	20.6.4.309	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Hydromodification

Highway/Road/Bridge Construction

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Flow Regulation/Modification

Construction

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Sapello River (Mora River to Manuelitas Creek)**

Mora

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2305.3.A_20	27.39	20.6.4.307	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 11080006****Upper Canadian-Ute Reserv**

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**Ute Reservoir**Upper Canadian-Ute Reserv

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2302_00	3760.75	20.6.4.302	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

Bottom Deposits

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff

Range grazing - Riparian and/or Upland

Grazing related Sources

Atmospheric Deposition

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**



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**HUC: 11100101****Upper Beaver**

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**Clayton Lake****Upper Beaver**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_030	147.76	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 12050002****Blackwater Draw**

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**Green Acres Lake****Blackwater Draw**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_046	10.94	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

marginal coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Natural Sources

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 12080001****Lost Draw**

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**Lane Salt Lake****Lost Draw**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_072	400	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13020101****Upper Rio Grande****Bitter Creek (Red River to headwaters)**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_705	8.32	20.6.4.123	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Aluminum - acute

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Surface Mining

Resource Extraction

Recreation and Tourism Activities (other than Boating - see 7900)

Natural Sources

Highway Maintenance and Runoff

Acid Mine Drainage

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for SBD and Al acute**Cabresto Creek (Red River to headwaters)**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_701	17.28	20.6.4.123	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Natural Sources

Highway Maintenance and Runoff

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for Al chronic

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**Cordova Creek (Costilla Creek to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_823	5.61	20.6.4.123	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for total phosphorus, SBD, and turbidity; de-list letter for total phosphorus

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**Costilla Creek (CO border to Diversion abv Costilla)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_810	3.52	20.6.4.123	3	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Hydromodification  
Highway Maintenance and Runoff  
Grazing related Sources  
Flow Regulation/Modification  
Channelization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Embudo Creek (Rio Grande to Picuris Pueblo bnd)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_40	11.2	20.6.4.114	7	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

warmwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Stream Bottom Deposits

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Vehicle use in arroyos

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Natural Sources

Land Development

Hydromodification

Habitat Modification (other than Hydromodification)

Grazing related Sources

Dredging

Construction

Channelization

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Goose Lake**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.B_12	5.95	20.6.4.123	8	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Guaje Canyon (San Ildefonso bnd to headwaters)**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_005	12.33	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering

wildlife habitat

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Total Rec. Selenium

Gross Alpha

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

Natural Sources

Industrial Storm Water Sources

Erosion and Sedimentation.

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Little Tesuque Creek (Rio Tesuque to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_34	8.26	20.6.4.121	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Aluminum - acute**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Source Unknown  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Flow Regulation/Modification**Individual Active NPDES Permits:**

TMDL (s) Completed:

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**Los Alamos Canyon (San Ildefonso bnd to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_006	10.7	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**livestock watering  
wildlife habitat**Attainment status:**Not supporting  
Not supporting**Assessment information:****Probable Causes of Impairment:**Total Rec. Selenium  
Gross Alpha**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Watershed runoff following forest fire  
Urban Runoff/Storm Sewers  
Natural Sources  
Land Disposal  
Industrial Storm Water Sources  
Industrial Point Sources  
Erosion and Sedimentation**Individual Active NPDES Permits:****Permit No:**

NM0028355-004

**Permit Facility Name:**

USDOE Los Alamos Nat Labs Outfall 004

TMDL (s) Completed:



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**Los Alamos Reservoir**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_077	2	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery  
wildlife habitat  
livestock watering

**Attainment status:**

Not supporting  
Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Unknown toxicity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Pioneer Creek (Red River to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_703	4.89	20.6.4.123	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Subsurface Mining  
Resource Extraction  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Habitat Modification (other than Hydromodification)  
Bank or Shoreline Modification/Destabilization  
Abandoned mining

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity; de-list letter for SBD

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**Placer Creek (Red River to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_706	2.75	20.6.4.123	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - acute

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction

Removal of Riparian Vegetation

Placer Mining

Natural Sources

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

Abandoned mining

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for Al acute; de-list for SBD

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**Pojoaque River (San Ildefonso bnd to Pojoaque bnd)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_20	0.6	20.6.4.114	6	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Hydromodification

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0028436

**Permit Facility Name:**

Pojoaque Terraces Mobile Home Park

**TMDL (s) Completed:**

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**Pueblo Canyon (Los Alamos Canyon to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_043	9.17	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
wildlife habitat

**Attainment status:**

Not supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Total Rec. Selenium  
Gross Alpha

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire  
Urban Runoff/Storm Sewers  
Refuse disposal  
Natural Sources  
Land Disposal  
Industrial Storm Water Sources  
Hazardous Waste  
Erosion and Sedimentation

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Red River (Placer Creek to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_710	5.63	20.6.4.123	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

livestock watering  
high quality coldwater fishery  
irrigation

**Attainment status:**

Not supporting  
Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Natural Sources  
Mine Tailings  
Mill Tailings  
Highway Maintenance and Runoff  
Abandoned mining

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for Al chronic

**Red River (Rio Grande to Placer Creek)**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_10	20.59	20.6.4.122	1	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

irrigation

coldwater fishery

livestock watering

**Attainment status:**

Not supporting

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction

Natural Sources

Mine Tailings

Mill Tailings

Highway Maintenance and Runoff

Abandoned mining

**Individual Active NPDES Permits:****Permit No:**

NM0030147

NM0024899

NM0022306

**Permit Facility Name:**

NMG&amp;FD/Red River Fish Hatchery

Red River, Town of/WWTP

Molycorp-Questa

**TMDL (s) Completed:** TMDL for Al chronic**Rendija Canyon (Guaje Canyon to headwaters)**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_045	8.13	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Total Rec. Selenium

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

Natural Sources

Industrial Storm Water Sources

Erosion and Sedimentation.

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Chupadero (USFS bnd to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_40	4.28	20.6.4.121	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Natural Sources  
Highway Maintenance and Runoff

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Fernando de Taos (Rio Pueblo de Taos to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_512	21.6	20.6.4.123	3	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Conductivity

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating -  
see 7900)  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Natural Sources  
Land Disposal  
Land Development  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Frijoles (Rio Medio to Pecos Wilderness)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_60	13.9	20.6.4.121	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Grande (Red River to CO border)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_05	27.75	20.6.4.122	2	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

pH

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Hydromodification

Habitat Modification (other than Hydromodification)

Flow Regulation/Modification

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Grande (San Juan Pueblo bnd to Rio Pueblo de Taos)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_10	29.64	20.6.4.114	7	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

warmwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Irrigated Crop Production

Habitat Modification (other than Hydromodification)

Grazing related Sources

Crop-related Sources

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0029351

**Permit Facility Name:**

Española, City of

**TMDL (s) Completed:**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_501	11.5	20.6.4.123	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

secondary contact

high quality coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Conductivity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Natural Sources

Land Disposal

Hydromodification

Highway/Road/Bridge Construction

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Construction

Channelization

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**



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**Rio Hondo (Rio Grande to USFS bnd)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_600	8.5	20.6.4.123	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Pasture grazing - Riparian and/or Upland  
Irrigated Crop Production  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for nutrients

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**Rio Pueblo (Picuris Pueblo bnd to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_410	18.5	20.6.4.123	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Pueblo de Taos (Arroyo del Alamo to R Grande del Rancho)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_30	1.2	20.6.4.122	2	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery  
irrigation

**Attainment status:**

Not supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Municipal Point Sources  
Land Disposal  
Highway/Road/Bridge Construction  
Highway Maintenance and Runoff  
Grazing related Sources  
Crop-related Sources  
Construction  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Pueblo de Taos (Rio Grande del Rancho to headwaters)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_511	23.42	20.6.4.123	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Conductivity

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Pasture grazing - Riparian and/or Upland  
Irrigated Crop Production  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Rio Pueblo de Taos (Rio Grande to Arroyo del Alamo)**

Upper Rio Grande

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2119_20	6.4	20.6.4.122	2	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

irrigation

**Attainment status:**

Not supporting

Partially supporting

**Assessment information:**
**Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Pasture grazing - Riparian and/or Upland

Municipal Point Sources

Irrigated Crop Production

Hydromodification

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Crop-related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:**
**Permit No:**

NM0024066

**Permit Facility Name:**

Taos, Town Of WWTP

**TMDL (s) Completed:**

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**Rio Santa Barbara (Picuris Pueblo bnd to USFS bnd)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2120.A_419	7.39	20.6.4.123	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Land Development  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Santa Cruz River (San Juan Pueblo to Santa Cruz Dam)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2111_50	8.1	20.6.4.114	8	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering

irrigation

marginal coldwater fishery

warmwater fishery

**Attainment status:**

Not supporting

Not supporting

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Irrigated Crop Production  
Hydromodification  
Flow Regulation/Modification  
Dam Construction  
Crop-related Sources  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Tesuque Creek (Little Tesuque Creek to confl of forks)**Upper Rio Grande

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_31	1.44	20.6.4.121	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13020102****Rio Chama****Abiquiu Creek (Rio Chama to headwaters)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_50	12.93	20.6.4.116	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

warmwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Plant Nutrients

Dissolved oxygen

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Land Disposal

Hydromodification

Highway Maintenance and Runoff

Grazing related Sources

Channelization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Abiquiu Reservoir**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2114_00	1038.35	20.6.4.117	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Cañones Creek (Abiquiu Reservoir to headwaters)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_010	17.44	20.6.4.119	3	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

secondary contact

**Attainment status:**

Not supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Temperature

Fecal Coliform

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Silviculture

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Natural Sources

Land Disposal

Harvesting, Restoration, Residue Management

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Cecilia Canyon Creek (Rio Capulin to USFS bnd)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_042	5.05	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Chavez Creek (Rio Brazos to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_081	12.59	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Plant Nutrients**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Dredging  
Channelization**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Chihuahueros Creek (Cañones Creek to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_016	9.34	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:**



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**Clear Creek (Rio Gallina to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_043	3.55	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Range grazing - Riparian and/or Upland  
Logging Road Construction/Maintenance  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Coyote Creek (Rio Puerco de Chama to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_022	13.7	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**El Rito Creek (Perennial reaches above El Rito)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2112.A_20	13.17	20.6.4.115	3	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**Plant Nutrients  
Aluminum - chronic**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Range grazing - Riparian and/or Upland  
Irrigated Crop Production  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**El Vado Reservoir**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2117_00	3222.27	20.6.4.120	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**Source Unknown  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Atmospheric Deposition  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Heron Reservoir**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2117_10	4741.88	20.6.4.120	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Hopewell Lake**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2112.B_00	16.13	20.6.4.115			No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Poleo Creek (Rio Puerco de Chama to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_023	12.16	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Logging Road Construction/Maintenance  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Polvadera Creek (Cañones Creek to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_011	13.94	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Rio Brazos (Rio Chama to Chavez Creek)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_080	3.52	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Hydromodification

Habitat Modification (other than Hydromodification)

Dredging

Channelization

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Chama (Rio Brazos to Little Willow Creek)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_001	11.72	20.6.4.119	4	31-Dec-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Municipal Point Sources

Hydromodification

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Chama (San Juan Pueblo to Abiquiu Dam)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_00	28.3	20.6.4.116	7	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Natural Sources

Irrigated Crop Production

Hydromodification

Grazing related Sources

Dam Construction

Crop-related Sources

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0024830

**Permit Facility Name:**

Abiquiu MDWCA &amp; MSWA

**TMDL (s) Completed:**

**Rio Chamita (Rio Chama to CO border)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_110	13.68	20.6.4.119	2	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Total Ammonia  
Temperature  
Fecal Coliform  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Municipal Point Sources  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Flow Regulation/Modification  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0027731

**Permit Facility Name:**

Chama, Village of/WWTP

**TMDL (s) Completed:** TMDL for ammonia, total phosphorus, fecal coliform, temp; de-list for total phosphorus**Rio Gallina (Rio Capulin to headwaters)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_040	8.77	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Nutrias (Rio Chama to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_060	34.63	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Irrigated Crop Production  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Rio Ojo Caliente (Rio Chama to Rio Vallecitos)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_10	22.33	20.6.4.116	7	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Natural Sources  
Irrigated Crop Production  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Channelization  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:



**Rio Puerco de Chama (Abiquiu Reservoir to Poleo Creek)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2115_20	8.81	20.6.4.118	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery  
warmwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:**
**Probable Causes of Impairment:**

Temperature  
Fecal Coliform

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Agriculture

**Individual Active NPDES Permits:**
**TMDL (s) Completed:**
**Rio Puerco de Chama (Poleo Creek to headwaters)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_020	12.2	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:**
**Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Natural Sources  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Forest Management (pumped drainage, fertilization, pesticide application)  
Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:**
**TMDL (s) Completed:**

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**Rio Tusas (Rio Vallecitos to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2113_30	42.9	20.6.4.116	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

coldwater fishery

warmwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Vallecitos (Rio Tusas to headwaters)**Rio Chama

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2112.A_00	36.31	20.6.4.115	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Aluminum - chronic  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Surface Mining  
Resource Extraction  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Range grazing - Riparian and/or Upland  
Irrigated Crop Production  
Hydromodification  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Channelization  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Rito de Tierra Amarilla (Rio Chama to HWY 64)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_070	15.8	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Rito Resumidero (Rio Puerco de Chama to headwaters)**

Rio Chama

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2116.A_025	2.75	20.6.4.119	4	30-Jun-03 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Logging Road Construction/Maintenance  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (pumped drainage, fertilization, pesticide application)  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13020201****Rio Grande-Santa Fe****Capulin Creek (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_72	13.14	20.6.4.121	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Stream Bottom Deposits**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Watershed runoff following forest fire  
Silviculture  
Harvesting, Restoration, Residue Management**Individual Active NPDES Permits:**

TMDL (s) Completed:

**Galisteo Ck (Perennial reaches abv Santo Domingo bnd)**

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_10	43.5	20.6.4.121	8	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****Permit No:**

NM0028711

**Permit Facility Name:**

Lac Minerals Inc

TMDL (s) Completed:

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**Las Huertas Creek (Placitas to Capulin Canyon)**Rio Grande-Santa Fe

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2108.5_00	15.5	20.6.4.111	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Mortandad Canyon (San Ildefonso bnd to headwaters)**Rio Grande-Santa Fe

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_042	4.27	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Gross Alpha

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

Urban Runoff/Storm Sewers

Natural Sources

Land Disposal

Industrial Storm Water Sources

Industrial Point Sources

Erosion and Sedimentation

**Individual Active NPDES Permits:****Permit No:**

NM0028355-002

**Permit Facility Name:**

USDOE Los Alamos Nat Labs Outfall 002

**TMDL (s) Completed:**

**Pajarito Canyon (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_040	13.3	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
wildlife habitat

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Total Rec. Selenium  
Gross Alpha

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire  
Urban Runoff/Storm Sewers  
Natural Sources  
Land Disposal  
Industrial Point Sources  
Erosion and Sedimentation

**Individual Active NPDES Permits:****TMDL (s) Completed:****Rito Cañon de los Frijoles (Rio Grande to headwaters)**

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2118.A_70	11.56	20.6.4.121	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Pesticides -- DDT

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Spills  
Land Disposal

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Santa Fe River (Cochiti Pueblo bnd to Santa Fe WWTP)**

Rio Grande-Santa Fe

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2110_00	17.56	20.6.4.113	6	31-Dec-99	No

**Impaired Designated Use (s):**

marginal coldwater fishery

**Attainment status:**

Not supporting

warmwater fishery

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Surface Mining

Resource Extraction

Range grazing - Riparian and/or Upland

Municipal Point Sources

Mine Tailings

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0030368

NM0022292

**Permit Facility Name:**

Ranchland Utility Company

Santa Fe, City of/WWTP

**TMDL (s) Completed:**

TMDL for SBD, DO, pH, and chlorine; de-list letter for plant nutrients



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**Water Canyon (Rio Grande to headwaters)**Rio Grande-Santa Fe

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_044	11.05	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering

wildlife habitat

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Total Rec. Selenium

Gross Alpha

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Watershed runoff following forest fire

Natural Sources

Land Disposal

Industrial Storm Water Sources

Industrial Point Sources

Erosion and Sedimentation.

**Individual Active NPDES Permits:****Permit No:**

NM0028355-003

**Permit Facility Name:**

USDOE Los Alamos Nat Labs Outfall 003

**TMDL (s) Completed:**

**HUC: 13020202****Jemez****Calaveras Creek (Rio Cebolla to headwaters)****Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_53	9.2	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Highway Maintenance and Runoff

**Individual Active NPDES Permits:****TMDL (s) Completed:****Clear Creek (Rio de las Vacas to San Gregorio Lake)****Jemez**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_54	8.92	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Natural Sources

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity and TOC

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**Fenton Lake**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.B_00	23.81	20.6.4.108	8	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Land Disposal

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Jemez River (East fork)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_10	19.03	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Harvesting, Restoration, Residue Management

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity

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**Jemez River (HWY 4 near Jemez Springs to East Fork)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_00	3.4	20.6.4.108	1	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

livestock watering  
high quality coldwater fishery  
fish culture

**Attainment status:**

Partially supporting  
Partially supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Natural Sources  
Land Development  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:**

**TMDL (s) Completed:** TMDL for Al acute, turbidity, and SBD; de-list letter for plant nutrients

**Jemez River (Rio Guadalupe to HWY4 nr Jemez Springs)**

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2105.5_10	9.67	20.6.4.107	1	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

livestock watering

coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Stream Bottom Deposits

Aluminum - acute

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Source Unknown

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Natural Sources

Land Development

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Construction

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0028011

**Permit Facility Name:**

Jemez Springs, Village of/WWTP

**TMDL (s) Completed:**

TMDL for AI acute, turbidity, and SBD; de-list letter for plant nutrients

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**Redondo Creek (Sulpher Creek to headwaters)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_21	6.2	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Temperature

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Road Maintenance and Runoff

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity, total phosphorus, and temperature; de-list letter for total phosphorus

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**Rio Cebolla (Fenton Lake to headwaters)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_52	14.63	20.6.4.108	2	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Intensive Animal Feeding Operations

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Aquaculture

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temperature and SBD

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**Rio Cebolla (Rio de las Vacas to Fenton Lake)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_50	6.07	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0030112

**Permit Facility Name:**

NMG&amp;FD/Seven Springs Fish Hatchery

**TMDL (s) Completed:** TMDL for SBD

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**Rio de las Vacas (Rio Cebolla to Rito de las Palomas)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_40	13.42	20.6.4.108	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temperature and TOC

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**Rio Guadalupe (Jemez River to confl with Rio Cebolla)**

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_30	12.65	20.6.4.108	3	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**Turbidity  
Aluminum - chronic**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Natural Sources  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for Al chronic, turbidity, and SBD; de-list letter for total phosphorus

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**Rito Peñas Negras (Rio de las Vacas to headwaters)**

Jemez

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_42	11.78	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Stream Bottom Deposits**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temperature, TOC, and SBD



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**San Antonio Creek (East Fork Jemez R to headwaters)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_20	24.75	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Temperature

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Silviculture

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Natural Sources

Logging Road Construction/Maintenance

Land Development

Habitat Modification (other than Hydromodification)

Grazing related Sources

Construction

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for turbidity and temperature

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**Sulphur Creek (Redondo Creek to headwaters)**Jemez

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2106.A_22	6.1	20.6.4.108	4	31-Dec-02 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

pH

Conductivity

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Source Unknown

Range grazing - Riparian and/or Upland

Natural Sources

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for pH and conductivity

**HUC: 13020203****Rio Grande-Albuquerque****Rio Grande (Alameda Bridge to Santa Ana Pueblo bnd)**

Rio Grande-Albuquerque

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2105.1_00	11.66	20.6.4.106	1	31-Dec-00	Rio Grande silvery minnow

**Impaired Designated Use (s):**

secondary contact

irrigation

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Fecal Coliform

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Municipal Point Sources

**Individual Active NPDES Permits:****Permit No:**

NM0030228

NM0029602

NM0027987

NM0027863

NM0023485

NM0000124

**Permit Facility Name:**

Reddy Ice/Packaged Ice Corp.

Rio Rancho, City of/No. 3

Rio Rancho, City of/No. 2

Sandia Peak Ski Company/Sandia Peak

Bernalillo, City Of/WWTP

Public Service Co. of NM/Reeves Station

**TMDL (s) Completed:** TMDL for fecal coliform**Rio Grande (Isleta Pueblo bnd to Alameda Street Bridge)**

Rio Grande-Albuquerque

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2105_50	20.4	20.6.4.105	1	31-Dec-00	Rio Grande silvery minnow

**Impaired Designated Use (s):**

irrigation

secondary contact

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Fecal Coliform

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Municipal Point Sources

**Individual Active NPDES Permits:****Permit No:**

NM0030384

NM0030376

NM0022250

**Permit Facility Name:**

PNM/Person Station

Delta Person Generating Station

Albuquerque, City Of/WWTP

**TMDL (s) Completed:** TMDL for fecal coliform

**HUC: 13020204****Rio Puerco****Nacimiento Creek (USFS bnd to San Gregorio Reservoir)**

Rio Puerco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_42	4.6	20.6.4.109	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Plant Nutrients

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Rio Puerco (Rito Olguin to headwaters)**

Rio Puerco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_40	39.6	20.6.4.109	4	31-Dec-06	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0024848

**Permit Facility Name:**

Cuba, Village of/WWTP

**TMDL (s) Completed:**

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**Rito Leche (Perennial reaches above Rio Puerco)**Rio Puerco

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_43	2.9	20.6.4.109	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**San Pablo Canyon (Rio Puerco to headwaters)**Rio Puerco

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_41	11.5	20.6.4.109	4	31-Dec-06	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits  
Plant Nutrients

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Surface Mining  
Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

**HUC: 13020207****Rio San Jose****Bluewater Creek (Navajo Nation bnd to headwaters)**

Rio San Jose

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_01	17.1	20.6.4.109	3	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Logging Road Construction/Maintenance  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Bluewater Creek (Rio San Jose to Navajo Nation bnd)**

Rio San Jose

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_00	2.4	20.6.4.109	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Moquino (Laguna Pueblo to Seboyettia Creek)**Rio San Jose

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_10	3	20.6.4.109	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Stream Bottom Deposits**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Surface Mining  
Resource Extraction  
Removal of Riparian Vegetation  
Mine Tailings  
Habitat Modification (other than Hydromodification)**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Pagate (Laguna Pueblo bnd to headwaters)**Rio San Jose

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2107.A_30	10.7	20.6.4.109	3	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Stream Bottom Deposits  
Selenium - chronic**Magnitude:**Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Surface Mining  
Source Unknown  
Resource Extraction  
Removal of Riparian Vegetation  
Mine Tailings  
Habitat Modification (other than Hydromodification)  
Bank or Shoreline Modification/Destabilization  
Abandoned mining**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13020211****Elephant Butte Reservoir****Alamosa Creek (Perennial reaches abv Monticello diversion)**

Elephant Butte Reservoir

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2103.A_30	13.4	20.6.4.103	1	31-Dec-17	Alamosa springsnail (in springs)

**Impaired Designated Use (s):**

warmwater fishery  
marginal coldwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown  
Road directly in stream

**Individual Active NPDES Permits:****TMDL (s) Completed:****Elephant Butte Reservoir**

Elephant Butte Reservoir

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2104_00	6516.56	20.6.4.104	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Atmospheric Deposition  
Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0024937

**Permit Facility Name:**

NM State Parks & Rec. Commission/Elephant Butte

**TMDL (s) Completed:**

**HUC: 13030101****Caballo****Caballo Reservoir****Caballo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2102.B_00	3019.55	20.6.4.102	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Grazing related Sources

Atmospheric Deposition

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Percha Creek (Perennial reaches Caballo R to M Fork)****Caballo**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2103.A_20	18.41	20.6.4.103	8	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

warmwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Individual Active NPDES Permits:****TMDL (s) Completed:**



**HUC: 13030202****Mimbres****Bear Canyon Reservoir****Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2504_30	8.63	20.6.4.504	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients  
Mercury in fish tissue  
Dissolved oxygen  
Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Atmospheric Deposition  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Cold Springs Creek (Hot Springs Creek to headwaters)****Mimbres**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_11	9.71	20.6.4.803	3	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Zinc - acute  
Copper - acute

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Subsurface Mining  
Resource Extraction  
Mine Tailings

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Gallinas Creek (Mimbres River to headwaters)**Mimbres

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_20	20.27	20.6.4.803	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Irrigated Crop Production  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Crop-related Sources  
Agriculture  
Abandoned mining

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Hot Springs Creek (Mimbres River to headwaters)**Mimbres

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_10	10.52	20.6.4.803	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Mimbres River (Perennial reaches below Sheppard Canyon)**

Mimbres

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2803_00	12.5	20.6.4.803	1	31-Dec-17	No

**Impaired Designated Use (s):**

irrigation

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Stream Bottom Deposits**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Range grazing - Riparian and/or Upland  
Irrigated Crop Production  
Hydromodification  
Grazing related Sources  
Dredging  
Crop-related Sources  
Agriculture**Individual Active NPDES Permits:****Permit No:**

NM0020435

**Permit Facility Name:**

Chino Mines Company

**TMDL (s) Completed:****Mimbres River (Sheppard Canyon to Cooney Campground)**

Mimbres

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2804_00	14.27	20.6.4.804	1	31-Dec-17	Chihuahua chub

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Temperature  
Stream Bottom Deposits  
Dissolved oxygen**Magnitude:**Moderate  
Moderate  
Moderate**Probable Sources of Impairment:**Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Dredging  
Dredge Mining  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13050003****Tularosa Valley****Three Rivers (Perennial HWY 54 to USFS except Mescalero)**

Tularosa Valley

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2802_00	3.07	20.6.4.802	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

Conductivity

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Tularosa Creek (Tularosa to Mescalero Apache bnd)**

Tularosa Valley

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2801_01	13.1	20.6.4.801	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Individual Active NPDES Permits:****Permit No:**

NM0030481

**Permit Facility Name:**

Mescalero School

**TMDL (s) Completed:**

**HUC: 13060001****Pecos Headwaters****Beaver Creek (Porvenir Creek to headwaters)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_04	5.86	20.6.4.215	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

**Cow Creek (Pecos River to headwaters)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_090	37.67	20.6.4.217	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

Individual Active NPDES Permits:

TMDL (s) Completed:

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**Gallinas River (Las Vegas Diversion to headwaters)**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_00	24.21	20.6.4.215	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Pasture grazing - Riparian and/or Upland  
Off-farm Animal Holding/Management Area  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Gallinas River (San Augustin to Las Vegas Diversion)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2213_21	16.44	20.6.4.216	6	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Unknown toxicity

Total Ammonia

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Source Unknown

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Municipal Point Sources

Land Disposal

Hydromodification

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Channelization

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0030341

NM0028827

**Permit Facility Name:**

Las Vegas, City of/Water Treatment Plant

Las Vegas WWTP

**TMDL (s) Completed:****Holy Ghost Creek (Pecos River to headwaters)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_020	6.92	20.6.4.217	3	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Pecos River (Alamitos Canyon to Willow Creek)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_002	16.17	20.6.4.217	2	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Land Development  
Bank or Shoreline Modification/Destabilization  
Construction  
Grazing related Sources  
Habitat Modification (other than Hydromodification)  
Hazardous Waste  
Agriculture  
Highway/Road/Bridge Construction  
Road/ Parking lot runoff  
Land Disposal  
Mill Tailings  
Mine Tailings  
Range grazing - Riparian and/or Upland  
Removal of Riparian Vegetation  
Resource Extraction  
Highway Maintenance and Runoff

**Individual Active NPDES Permits:****Permit No:**

NM0030121

**Permit Facility Name:**

NMG&amp;FD/Lisboa Fish Hatchery

**TMDL (s) Completed:**



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**Pecos River (Canon del Oso to Alamos Canyon)**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2213_00	66.54	20.6.4.216	6	31-Dec-17	No

**Impaired Designated Use (s):**

marginal coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Municipal Point Sources

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0029041

NM0028363

**Permit Facility Name:**

Pecos, Village of/WWTP

San Miguel Co./Operation Breakthrough Housing

**TMDL (s) Completed:**

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**Pecos River (Sumner Reservoir to Canon del Oso)**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2211.A_00	102.79	20.6.4.211	5	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Natural Sources

Hydromodification

Grazing related Sources

Flow Regulation/Modification

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0030155

**Permit Facility Name:**

NMG&amp;FD/Rock Lake Fish Hatchery

**TMDL (s) Completed:**

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**Rio Mora (Pecos River to headwaters)**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_040	17.95	20.6.4.217	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Santa Rosa Reservoir**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2211.B_00	1500	20.6.4.211	8	31-Dec-17	No

**Impaired Designated Use (s):**

limited warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients  
Mercury in fish tissue  
Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Road/ Parking lot runoff  
Range grazing - Riparian and/or Upland  
Grazing related Sources  
Atmospheric Deposition  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Sumner Reservoir**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2210_00	4277.79	20.6.4.210	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients  
Mercury in fish tissue  
Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Source Unknown  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Range grazing - Riparian and/or Upland  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Atmospheric Deposition  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Tecolote Creek (Village of Tecolote to headwaters)**Pecos Headwaters

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_10	26.4	20.6.4.215	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits  
Conductivity

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Land Development  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Willow Creek (Pecos River to headwaters)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2214.A_030	5.76	20.6.4.217	4	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Zinc - chronic

Zinc - acute

Turbidity

Stream Bottom Deposits

Conductivity

Cadmium - chronic

**Magnitude:**

Moderate

Moderate

Moderate

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Source Unknown

Resource Extraction

Removal of Riparian Vegetation

Mine Tailings

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:****Wright Canyon Creek (Tecolote Creek to headwaters)**

Pecos Headwaters

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2212_18	2.05	20.6.4.215	6	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Stream Bottom Deposits

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13060008****Rio Hondo****Alto Lake**

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2209.B_30	11.16	20.6.4.209	8	31-Dec-17	No

**Impaired Designated Use (s):**

fish culture

high quality coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Copper - acute

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Pesticide application (cooper sulfate)

**Individual Active NPDES Permits:****TMDL (s) Completed:****Rio Bonito (Rio Ruidoso to Angus Canyon)**

Rio Hondo

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_10	33.63	20.6.4.208	4	31-Dec-17	No

**Impaired Designated Use (s):**

irrigation

coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Hydromodification

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Hondo (Perennial reaches Pecos R to Rio Ruidoso)**Rio Hondo

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_30	8	20.6.4.208	4	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Rio Ruidoso (Rio Bonito to Seeping Springs Lake)**Rio Hondo

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_20	19.63	20.6.4.208	2	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Plant Nutrients

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Municipal Point Sources

Hydromodification

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Flow Regulation/Modification

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0029165

**Permit Facility Name:**

Ruidoso City of/Ruidoso Downs WWTP

**TMDL (s) Completed:**

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**Rio Ruidoso (Seeping Springs Lake to Mescalero Apache bnd)**Rio Hondo

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2209.A_20	12.4	20.6.4.209	2	31-Dec-17	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Stream Bottom Deposits  
Plant Nutrients

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Land Development  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Construction  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**



**HUC: 13060010****Rio Penasco****Rio Peñasco (HWY 24 to headwaters)**

Rio Penasco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2208_00	45.7	20.6.4.208	2	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0028886

NM0023370

**Permit Facility Name:**

Sacramento Methodist Assembly

Cloudcroft, Village of

**TMDL (s) Completed:****Rio Peñasco (Pecos River to HWY 24)**

Rio Penasco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2206.A_10	63.7	20.6.4.206	2	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 13060011****Upper Pecos-Black****Avalon Reservoir**

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2204.B_00	497.7	20.6.4.204	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:****Black River (Pecos River to headwaters)**

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2202.A_10	16.9	20.6.4.202	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Cause Unknown

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Brantley Reservoir**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2205_00	3058.67	20.6.4.205	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Laguna Gatuna**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_055	294.76	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

livestock watering

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Laguna Quatro**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_059	150	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat

livestock watering

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Laguna Tres**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_061	430	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
wildlife habitat

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Petroleum Activities

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Laguna Uno**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_066	600	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

wildlife habitat  
livestock watering

**Attainment status:**

Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Toxic substances

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Pecos River (Black River to Tansil Lake)**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2202.A_00	19.18	20.6.4.202	6	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Municipal Point Sources

Irrigated Crop Production

Habitat Modification (other than Hydromodification)

Grazing related Sources

Crop-related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0026395

**Permit Facility Name:**

Carlsbad, City Of WWTP

**TMDL (s) Completed:**

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**Pecos River (TX border to Black River)**Upper Pecos-Black

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2201_00	30.18	20.6.4.201	8	31-Dec-17	No

**Impaired Designated Use (s):**

livestock watering  
irrigation  
warmwater fishery

**Attainment status:**

Not supporting  
Not supporting  
Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Irrigated Crop Production  
Hydromodification  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Flow Regulation/Modification  
Crop-related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0029131

**Permit Facility Name:**

Southwestern Public Service Co./Dc Terminal

**TMDL (s) Completed:**

**Sitting Bull Creek (Last Chance Canyon to Sitting Bull Spr)**

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_007	3	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

secondary contact  
warmwater fishery

**Attainment status:**

Partially supporting  
Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Stream Bottom Deposits  
Plant Nutrients  
Fecal Coliform

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Tansil Lake (Carlsbad Municipal Lake)**

Upper Pecos-Black

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2203.B_00	29.02	20.6.4.203	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown  
Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 14080101****Upper San Juan**

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**Navajo Reservoir**Upper San Juan

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2406_00	13151.19	20.6.4.406	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**



**San Juan River (Animas River to Cañon Largo)**

Upper San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2401_00	21.44	20.6.4.401	1	31-Dec-04	Colorado pikeminnow

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Mercury in fish tissue

Fecal Coliform

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Septage Disposal

Resource Extraction

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Petroleum Activities

Onsite Wastewater Systems (Septic Tanks)

Municipal Point Sources

Land Disposal

Irrigated Crop Production

Habitat Modification (other than Hydromodification)

Grazing related Sources

Crop-related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0030473

NM0028142

NM0020770

**Permit Facility Name:**

San Juan County/ McGee Park WWTP

Bloomfield Municipal School District #6

Bloomfield, City of/WWTP

**TMDL (s) Completed:**

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**San Juan River (Cañon Largo to Navajo Reservoir)**Upper San Juan

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2405_10	19.53	20.6.4.405	1	31-Dec-04	Colorado pikeminnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Stream Bottom Deposits  
Mercury in fish tissue

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Septage Disposal  
Resource Extraction  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Petroleum Activities  
Onsite Wastewater Systems (Septic Tanks)  
Land Disposal  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 14080104****Animas**

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**Animas River (Estes Arroyo to CO border)****Animas**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2404_00	19.6	20.6.4.404	4	31-Dec-04	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Resource Extraction

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Petroleum Activities

Irrigated Crop Production

Hydromodification

Habitat Modification (other than Hydromodification)

Grazing related Sources

Crop-related Sources

Channelization

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Animas River (San Juan River to Estes Arroyo)**

Animas

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2403.A_00	16.92	20.6.4.403	6	31-Dec-04	No

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Urban Runoff/Storm Sewers

Source Unknown

Resource Extraction

Removal of Riparian Vegetation

Petroleum Activities

Onsite Wastewater Systems (Septic Tanks)

Municipal Point Sources

Land Disposal

Industrial Point Sources

Hydromodification

Habitat Modification (other than Hydromodification)

Channelization

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****Permit No:**

NM0028258

NM0020168

NM0000043

**Permit Facility Name:**

Farmington Sand &amp; Gravel Co

City of Aztec

Farmington, City of/Animas Steam Plant

**TMDL (s) Completed:****Lake Farmington (Beeline Reservoir)**

Animas

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_006	198	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury in fish tissue

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Atmospheric Deposition

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 14080105****Middle San Juan**

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**La Plata River (San Juan River to CO border)****Middle San Juan**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2402.A_00	25.33	20.6.4.402	6	31-Dec-04	No

**Impaired Designated Use (s):**

limited warmwater fishery

marginal coldwater fishery

**Attainment status:**

Partially supporting

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Land Disposal

Intensive Animal Feeding Operations

Industrial Point Sources

Habitat Modification (other than Hydromodification)

Grazing related Sources

Confined Animal Feeding Operations (NPS)

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****Permit No:**

NM0029505

**Permit Facility Name:**

San Juan Coal Company/La Plata Mine

**TMDL (s) Completed:**

**San Juan River (Navajo bnd at Hogback to Animas River)**

Middle San Juan

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2401_10	32.27	20.6.4.401	1	31-Dec-04	Colorado pikeminnow

**Impaired Designated Use (s):**

marginal coldwater fishery

**Attainment status:**

Partially supporting

warmwater fishery

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Stream Bottom Deposits

Mercury in fish tissue

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Landfills

Agriculture

Bank or Shoreline Modification/Destabilization

Crop-related Sources

Grazing related Sources

Habitat Modification (other than Hydromodification)

Industrial Point Sources

Abandoned mining

Land Disposal

Source Unknown

Municipal Point Sources

Onsite Wastewater Systems (Septic Tanks)

Petroleum Activities

Range grazing - Riparian and/or Upland

Removal of Riparian Vegetation

Resource Extraction

Irrigated Crop Production

**Individual Active NPDES Permits:****Permit No:**

NM0029319

NM0029025

NM0027995

NM0020800

NM0020583

NM0000019

**Permit Facility Name:**

Central Consolidated School District No 22

Harper Valley Home Owners Association

Four Corners Materials Inc.

USDI-BIA/Nenahnezad Boarding

Farmington, City of/WWTP

Arizona Public Service Company

**TMDL (s) Completed:**

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**HUC: 15020003****Carrizo Wash**

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**Quemado Lake****Carrizo Wash**

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_096	111.89	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**Plant Nutrients  
Bottom Deposits**Magnitude:**Moderate  
Moderate**Probable Sources of Impairment:**Silviculture  
Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Range grazing - Riparian and/or Upland  
Natural Sources  
Harvesting, Restoration, Residue Management  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Bank or Shoreline Modification/Destabilization  
Agriculture**Individual Active NPDES Permits:****TMDL (s) Completed:**

**HUC: 15020004****Zuni****McGaffey Lake**

Zuni

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.B_083	10.94	unclassified	8	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

pH

Bottom Deposits

**Magnitude:**

Moderate

Moderate

Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff

Removal of Riparian Vegetation

Natural Sources

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:****Rio Nutria (Zuni Pueblo bnd to headwaters)**

Zuni

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-9000.A_029	11.8	unclassified	5	31-Dec-17	No

**Impaired Designated Use (s):**

warmwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Mercury - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Source Unknown

**Individual Active NPDES Permits:****TMDL (s) Completed:**



**HUC: 15040001****Upper Gila****Black Canyon Creek (East Fork Gila River to headwaters)**

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_21	25.21	20.6.4.503	4	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Off-road vehicles

Natural Sources

Habitat Modification (other than Hydromodification)

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temperature**Canyon Creek (Middle Fork Gila River to headwaters)**

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_43	14.25	20.6.4.503	4	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

Plant Nutrients

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Range grazing - Riparian and/or Upland

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL turbidity and plant nutrients

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**Gila River (East Fork)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_20	26.24	20.6.4.503	1	31-Dec-01	spikedace; loach minnow; Gila trout

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Off-road vehicles

Natural Sources

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL AI chronic

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**Gila River (Middle Fork)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_40	36.64	20.6.4.503	1	31-Dec-06 Proposed	spikedace

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Natural Sources

Forest Management (fire suppression)

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Gila River (West Fork below Gila Cliff Dwellings)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_10	4.88	20.6.4.503	1	31-Dec-06 Proposed	spikedace; loach minnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Off-road vehicles

Natural Sources

Forest Management (fire suppression)

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Gilita Creek (Middle Fork to Willow Creek)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_45	6.28	20.6.4.503	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

Aluminum - chronic

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Range grazing - Riparian and/or Upland

Off-road vehicles

Natural Sources

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

**Lake Roberts**

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2504_20	68.37	20.6.4.504	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Plant Nutrients  
pH

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Road/ Parking lot runoff  
Recreation and Tourism Activities (other than Boating -  
see 7900)  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:****Mogollon Creek (Perennial reaches abv USGS gage)**

Upper Gila

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_02	29.49	20.6.4.503	1	31-Dec-01	Gila trout

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Resource Extraction  
Range grazing - Riparian and/or Upland  
Off-road vehicles  
Mill Tailings  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (fire suppression)  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL Al chronic; de-list letter for SBD, chronic lead

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**Sapillo Creek (Gila River to Lake Roberts)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_04	11.88	20.6.4.503	4	31-Dec-01	spikedace; loach minnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Partially supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Upstream impoundments  
Removal of Riparian Vegetation  
Off-road vehicles  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Forest Management (fire suppression)  
Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL turbidity and TOC; de-list letter for biological impairment

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**Taylor Creek (Beaver Creek to Wall Lake)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_23	2.63	20.6.4.503	3	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Aluminum - chronic

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Upstream impoundments  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Off-road vehicles  
Grazing related Sources  
Forest Management (fire suppression)  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL temperature and Al chronic

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**Taylor Creek (Perennial reaches abv Wall Lake)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_24	19.8	20.6.4.503	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity  
Temperature  
Aluminum - chronic  
Aluminum - acute

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland  
Natural Sources  
Grazing related Sources  
Forest Management (fire suppression)  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**Turkey Creek (Gila River to headwaters)**Upper Gila

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2503_03	16.94	20.6.4.503	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Dissolved oxygen

**Magnitude:**

Moderate  
Moderate

**Probable Sources of Impairment:**

Natural Sources  
Forest Management (fire suppression)

**Individual Active NPDES Permits:****TMDL (s) Completed:**

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2504_10	14.33	20.6.4.504	8	31-Dec-17	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients  
Dissolved oxygen  
Bottom Deposits

**Magnitude:**

Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Silviculture  
Removal of Riparian Vegetation  
Range grazing - Riparian and/or Upland  
Natural Sources  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (fire suppression)  
Bank or Shoreline Modification/Destabilization  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**HUC: 15040002****Upper Gila-Mangas**

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**Mangas Creek (Gila River to Mangas Springs)**Upper Gila-Mangas

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2502.A_21	6.17	20.6.4.502	8	31-Dec-01	No

**Impaired Designated Use (s):**

warmwater fishery

marginal coldwater fishery

**Attainment status:**

Not supporting

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Plant Nutrients

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Recreation and Tourism Activities (other than Boating -  
see 7900)

Range grazing - Riparian and/or Upland

Onsite Wastewater Systems (Septic Tanks)

Off-road vehicles

Natural Sources

Land Disposal

Habitat Modification (other than Hydromodification)

Grazing related Sources

Bank or Shoreline Modification/Destabilization

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for plant nutrients; de-list letter for SBD



**HUC: 15040004****San Francisco****Centerfire Creek (San Francisco R to headwaters)**

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_50	16.12	20.6.4.603	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature  
Plant Nutrients  
pH  
Conductivity

**Magnitude:**

Moderate  
Moderate  
Moderate  
Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Off-road vehicles  
Natural Sources  
Grazing related Sources  
Forest Management (fire suppression)  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for plant nutrients and conductivity**Negrito Creek (South Fork)**

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_43	14.46	20.6.4.603	4	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation  
Recreation and Tourism Activities (other than Boating - see 7900)  
Range grazing - Riparian and/or Upland  
Highway Maintenance and Runoff  
Habitat Modification (other than Hydromodification)  
Grazing related Sources  
Forest Management (fire suppression)  
Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temperature

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**Negrito Creek (Tularosa River to confl of N and S forks)**San Francisco

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_42	12.41	20.6.4.603	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Pasture grazing - Riparian and/or Upland

Highway Maintenance and Runoff

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:**

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**San Francisco River (Centerfire Creek to AZ border)**San Francisco

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2602_20	14.91	20.6.4.602	4	31-Dec-01	No

**Impaired Designated Use (s):**

coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Temperature

Plant Nutrients

**Magnitude:**

Moderate

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Natural Sources

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for temperature and plant nutrients; de-list for turbidity

**Tularosa River (San Francisco R to Apache Creek)**

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_40	21.99	20.6.4.603	1	31-Dec-01	loach minnow

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Conductivity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Range grazing - Riparian and/or Upland

Natural Sources

Highway Maintenance and Runoff

Grazing related Sources

Forest Management (fire suppression)

Agriculture

**Individual Active NPDES Permits:****TMDL (s) Completed:** TMDL for conductivity**Whitewater Creek (San Francisco R to Whitewater Campgrd)**

San Francisco

Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_10	6.9	20.6.4.603	3	31-Dec-01	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Turbidity

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Removal of Riparian Vegetation

Hydromodification

Highway Maintenance and Runoff

Habitat Modification (other than Hydromodification)

Channelization

Bank or Shoreline Modification/Destabilization

**Individual Active NPDES Permits:****Permit No:**

NM0030163

**Permit Facility Name:**

NMG&amp;FD/Glenwood Fish Hatchery

**TMDL (s) Completed:** TMDL for turbidity

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**Whitewater Creek (Whitewater Campgrd to headwaters)**San Francisco

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Assessment Unit ID:	Size (mi or ac):	WQS reference:	Priority:	TMDL due:	Federal aquatic T/E species:
NM-2603.A_12	14.17	20.6.4.603	4	31-Dec-06 Proposed	No

**Impaired Designated Use (s):**

high quality coldwater fishery

**Attainment status:**

Not supporting

**Assessment information:****Probable Causes of Impairment:**

Aluminum - chronic

**Magnitude:**

Moderate

**Probable Sources of Impairment:**

Recreation and Tourism Activities (other than Boating - see 7900)

Natural Sources

Forest Management (fire suppression)

**Individual Active NPDES Permits:****TMDL (s) Completed:**